

CLAIM AMENDMENTS

Claims 1-18(Cancelled).

19.(New) An improved metallic profile used in the assembly of cabinets, enclosures, boxes or panel boards (100), of an indoor or outdoor type, said cabinets being in the form of a metallic box having side closures (101), including one or more tilting doors (102), such closures, including the doors, being made of substantially thin metallic sheets, a structure (103) comprising an assembly of metallic profiles (104) which, on an outside, support the closures and accessories, while on the inside, the structure is configured with struts for the assembly of electric and electronic components and devices, the metallic profile (104) having a cross section with a geometry defined by a central core in a tubular shape with a quadrangular section (105), a vertex (106) being oriented to the inside of the cabinet (100), while an opposite vertex (107) is oriented to the outside of the cabinet (100), the two vertexes formed by single walls, two remaining vertexes (108) and (109) being defined by the joining of the sheet that forms the first two vertexes (106-107), from this point on, double walls (110) extend in a coplanar position in relation to adjacent walls (106a-106b) of the vertex (106), forming opposite rims (111a 111b), whose ends are perpendicularly folded for forming short ends (112) and (113) that, are grooved (114) and parallel to but distanced away from the adjacent walls (107a-107b) of the vertex (107), whose wall (107a) includes a projection perpendicularly oriented to the outside for forming a perpendicular rim (115).

20.(New) The improved metallic profile of claim 19 wherein the adjacent walls (107a) and (107b), which are located outside the cabinet (100), are completely blind.

21.(New) The improved metallic profile of claim 19 wherein the adjacent walls (106a) and (106b), which are located inside the cabinet (100), distribute rows of openings and

holes of variable shapes and sizes (116).

22. (New) The improved metallic profile of claim 19 wherein the rim (115) is provided without rows of variable holes and openings (117).

23. (New) The improved metallic profile of claim 19 wherein the structure (103), the union of various profiles (104), and the rims (111ab) and (115) face the outside and are combined such that all sides of the structure (103) are symmetrically equal, including a top and a bottom side thereof.

24. (New) The improved metallic profile of claim 19 wherein the folded ends (113) form a fitting rail for an “a” type gasket (118).

25. (New) The improved metallic profile of claim 19 wherein the rims 115 configure fixing points for screws (122) for fixing the closures (101), sealed using a profile or “a” type gasket applied to corresponding folded ends (113).

26. (New) The improved metallic profile of claim 19 wherein the ends (112) configure flat props for receiving a sealing cord (123), fixed to an inside of the closure (101) or on a front of the ends (112).

27. (New) The improved metallic profile of claim 19 wherein two structures are joined side by side such that the profile (104) has its ends folded in a straight angle (113) adjusted in an opposed manner or side by side, a seal (123) located therebetween, the seal maintained with a pressure provided by an accessory or flat bar bracket folded in a

“U” shape (124) mounted with screws (125), to establish an interconnection between two tubular cores (105), the interconnection additionally having a rod (126) for interconnecting the two rims (115), the rod fixed with other screws (125).

28. (New) The improved metallic profile of claim 19 wherein the profile (104) and the rim (115a) is formed at exactly a point defined by a vertex (107), in a coplanar position in relation to the wall (107b) and perpendicular to the wall (107a).

29. (Withdrawn-New) The improved metallic profile of claim 19 wherein the profile (104) presents the rim (111) perpendicularly folded outwards.

30. (Withdrawn-New) The improved metallic profile of claim 28 wherein the profile (104) forms a top or a bottom of a cabinet (100), the rims folded outwards (113a) defining an assembly support board for the bottom and top of the cabinet (100).

31. (Withdrawn-New) The improved metallic profile of claim 19 wherein the profile (104) has its end (112a) perpendicularly folded outwards.

32. (Withdrawn-New) The improved metallic profile of claim 19 wherein the profile (104) and its wall (107b') presents a vertex (107') with an internal angle substantially larger than 90 degrees, and an intermediary rim (115') has a second perpendicular fold having holes and openings (117') and (117''), such that the intermediary rim (115') provides two fixing rows in a straight angle.

33. (Withdrawn-New) The improved metallic profile of claim 19 wherein the profile (104) has a tubular core (105') with only one wall (106b') adjacent to a vertex (106') which presents a double wall, and has only one side (106a') completely open in the form of an access to two sides of an openings (116') existing in the wall (106b).

34. (Withdrawn-New) The improved metallic profile of claim 19 wherein the profile (104) having an open core presents the rim (115') with a fold (117), forming two adjacent sides with openings (117'-117'') positioned perpendicularly in relation to each other.

35. (Withdrawn-New) The improved metallic profile of claim 19 wherein the profile (104) presents a transversal geometry defined by two independent folded profiles of sheets welded on each other, one sheet (127) inside the cabinet and the other sheet (128) outside the cabinet, the first sheet incorporating the vertex (106) and respective adjacent walls (106a) and (106b) with the openings (116), while the other sheet includes the rim (115) with the openings (117), the profile including the ends or rims (112) and (113) perpendicularly folded inwards or outwards.

36. (Withdrawn-New) The improved metallic profile of claim 34 wherein the profile (104) is formed by two folded sheets (127-128) with walls (106a) and (106b) of equal or different lengths.